

CONSTRUCTION VALUE ENGINEERING CONCEPT PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID 080229-408 Date 05/07/2008  
County Jackson Route 70 Job No. J4P1851  
Contractor Comanche Construction, Inc. Original Bid Cost \$1,177,875.75  
Designed By MoDOT By Joe Ritz *[Signature]*  
Phone 9137822980

VECP 08-46

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

See attached letter for proposal.

2. Estimate of reduction in construction costs.

\$0.00

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

\_\_\_\_\_  
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

05/26/2008

(date)

Prior to work beginning in opposing lane

(effect)

6. Dates of any previous or concurrent submission of the same proposal.

\_\_\_\_\_  
(date and/or dates)

**Additional Comments:**

This traffic management plan change costs the Commission \$10,069.50 for additional traffic control devices. Comanche agrees to pay for the additional costs for the traffic barrier of \$10,126.00. This is approximately a 50/50 split in costs. Additionally, Comanche agrees to reduce the working days by 15 days. The reduction of days that traffic is impacted on I-70 far outweigh the additional cost to the Commission.

**\*\* Portion Below This Line To Be Filled Out by MoDOT \*\***

**Comments:** I agree with this Value Engineering proposal. The road user cost for the lane closures on I-70 are calculated at \$6100 per day and are listed as liquidated damages in JSP F. The reduction of 15 working days for the cost of \$10,069.50, to cover the contractor's direct expense for traffic control devices, results in a great benefit to our customers.

*Julie Daniel*

Submitted By Resident Engineer

5-12-08

Date

**Comments:**

- ☒ Approval  
☒ Recommended  
☐ Rejection  
☐ Recommended

*Elizabeth A. Nyst*

District Engineer

5-15-08

Date

**Comments:**

PROPOSAL WILL ACTUALLY COST AN ADDITIONAL \$10000  
BUT WILL REDUCE ROAD USER COSTS AND COMPLETE  
PROJECT 15 DAYS SOONER

- ☒ Approval  
☐ Rejection

*David D. Coburn*

State Operations Engineer

*By DDB*

6-30-08

Date

**Distribution:** Resident Engineer, District Operations Engineer, State Operations Engineer  
\*Value Engineering Administrator - \*MoDOT, P.O. Box 270, Jefferson City, MO 65102

# VALUE ENGINEERING CHECK SHEET

## *TYPE OF WORK*

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☒ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. \_\_\_\_\_

## *SUMMARY OF PROPOSAL*

(If needed, condense summary to a couple of lines)

\_\_\_\_ Revise traffic control plan to reduce impact on traveling public. Proposal will actually cost an additional \$10,000 for traffic control devices, but will reduce working days by 15. User cost for lane closures on I-70 are \$6100/day.

## *SCANNING OF DOCUMENT*

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

\_\_\_\_ Proposal is not large

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_